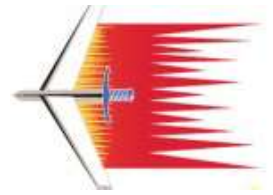




# North Carolina Air National Guard Active Guard/Reserve (AGR) Vacancy



## Announcement 2022-25

Open: 1 MAR 22 Closes: 30 MAR 22

POSITION TITLE	AFSC/MOS	GRADE	POSITION NUMBER
ACFT ELE & ENVIR SYS	2A656	E4-E5	0107150234

**ADVERTISE:** NCANG Members Only

**SECURITY CLEARANCE:** Secret

**UNIT/DUTY LOCATION:** 145th Maintenance Squadron

4930 Minuteman Way, Charlotte, NC 28208

SUPERVISOR/POC	EMAIL	COMMERCIAL NUMBER	DSN NUMBER
MSgt Marco CamposTabora	marco.campos-tabora.2@us.af.mil	704-391-4296	391-4296

### DUTIES AND RESPONSIBILITIES

This position is located in the in an Air National Guard Flying Wing, the Aircraft Maintenance Squadron, in the Component Repair Flight, in the Accessories Element, in the Electrical Environmental Shop. The position functions to analyze malfunctions, troubleshoot, remove, install, repair, modify, maintain, test, align, calibrate and certify the components of the aircraft electrical system the electronically and pneumatically controlled environmental system, and associated test equipment, and to certify these systems are air worthy, by intensive inspections of the Electrical/Electronic and Environmental System and peripherals. Performs functional tests, analyzes performance and troubleshoots the electronic, electrical, hydraulic, pneumatic and mechanical functions of the subsystems integrated into the digital brake/anti-skid system, maintenance annunciation panel (MAP) system of the integrated main generator, standby generator, emergency generator, flight control power, AC/DC power distribution and sub-systems integrated into the electronic/electrical and environmental systems. Interprets analog and digital operational and output characteristics and results from the Maintenance Annunciation Panel (M.A.P.), on-board computers, aircrew debriefings and specialized test equipment. The electrical system includes the electrical power generation and distribution system, the fire detection and extinguishing system, the ice and rain protection system, the landing gear system, the interior and exterior lighting system, the oxygen generation and distribution system, and the auxiliary power system. The environmental system includes compression, distribution, pressurization, heating, cooling, temperature control, moisture/air contamination control, and liquid cooling requirements. Removes, repairs, calibrates, installs, aligns, inspects, and conducts operational performance checkouts on the components of the electronic/electrical and environmental systems. Analyzes malfunctions using schematics, logic and wiring diagrams, computer data, and factory drawings. Diagnoses circuit operating characteristics using on-board computer, special test equipment and laptop computers to isolate problems to the failing component. Removes and replaces components or assemblies down to the lowest level authorized by depot. Performs organizational and intermediate level maintenance modifications as required. Performs recurring inspections and system tests of the life support and the electronic/electrical and environmental system to certify aircraft are ready for flight. Modifies and updates electrical and environmental support equipment according to applicable technical publications. Maintains and operates various types of test equipment such as oscilloscopes, diagnostic computers, digital and analog multi-meters, constant speed drive test stands, voltmeters, ammeters, etc. Performs precise and advanced wiring maintenance procedures on aircraft. Utilizes computer data and specialized test equipment to interpret equipment analog/digital operational characteristics to isolate malfunctions in the appropriate sub-systems. Interprets electronic terms and symbols, and applies a variety of electronic formulas, tables and charts in order to perform fault isolation and repairs to systems and sub-systems, such as the 1553 data bus's, BUS Interface Unit (BIU), BUS Adapter Unit (BAU). Provides technical guidance, advice and/or assistance to other work centers on the interrelationship of electronic/electrical and environmental systems and their respective system, to include flight controls, communications, hydraulic, fuel, engine and egress. Processes and accounts for supply assets in the repairable processing system to maintain aircraft records, inspection records, and equipment maintenance in computer systems G081. Documents maintenance actions and man-hour expenditures on maintenance forms and computer systems. If qualified, clears Red X symbols on maintenance forms as authorized, and performs electronic/electrical and environmental system debriefing of aircrew's. Recommends methods (AFTO Form 22) to improve equipment performance and maintenance procedures, i.e., data corrections to correct software or technical order deficiencies. Processes and accounts for due-in-from maintenance (DIFM) supply assets. Documents maintenance repair actions, man-hour accounting, maintenance forms, and computer systems. Maintains historical data of repaired components, Line Replaceable Units (LRUs) and test equipment. Inspects, tests and performs operative maintenance on cryogenic and gaseous oxygen and nitrogen servicing equipment. Is able to provide a thorough inspection of the complete electronic/electrical and environmental, and other systems, of the aircraft during special and phase inspections. Provides on-the-job training to lower grade personnel concerning repair of the electronic/electrical and environmental equipment, aircraft system line replaceable units (LRUs), and aircraft electrical/environmental systems. Also provides on-the-job training (OJT) for newly assigned personnel. Prepares for and participates in various types of readiness evaluations such as Operational Readiness inspections (ORI), Inspector General (IG) inspections, Unit Effectiveness Inspections and mobility and command support exercises. May be required to perform additional duties such as aircraft crew chief, hydrazine response, aircraft or equipment decontamination, structural fire fighting, aircraft fire/crash/rescue duty, security guard, snow removal, munitions loading and handling, heavy equipment operator, maintenance of facilities and equipment, or serve as a member of a team to assist local authorities with natural disasters or civil emergencies.

**SPECIALTY QUALIFICATIONS**

Min/Max Rank: SrA/SSgt  
AFSC: 2A656

**SPECIAL CONSIDERATIONS**

## QUALIFICATION/ELIGIBILITY REQUIREMENTS

1. Refer to ANG 36-101, The Active Guard/Reserve Program, for general eligibility requirements for initial entry into the AGR Program and specific guidelines for utilizations, and assignment of current on-board AGR members.
2. Individuals who have been separated from other military services for cause, unsuitability, or unfitness for military service are not eligible to enter the AGR program.
3. Initial tours may not exceed 3 years. AGR tours may not extend beyond an enlisted member's ETS or an Officer's MSD.
4. Airmen must meet the minimum requirements for each fitness component in addition to scoring an overall composite of 75 or higher for entry into the AGR program. For members with a documented Duty Limitation Code (DLC) which prohibits them from performing one or more components of the Fitness Assessment, an overall "Pass" rating is required.
5. Individuals selected for AGR tours must meet the Preventative Health Assessment (PHA)/physical qualifications outlined in AFI 48-123, Medical Examination and Standards. They must also be current in all Individual Medical Readiness (IMR) requirements to include immunizations. RCPHA/PHA and dental must be conducted not more than 12 months prior to entry on AGR duty and an HIV test must be completed not more than six months prior to the start date of the AGR tour.
6. An applicant's military grade cannot exceed the maximum military authorized grade on the UMD for the AGR position.
7. Enlisted Airmen who are voluntarily assigned to a position which would cause an overgrade must indicate in writing a willingness to be administratively reduced in grade in accordance with ANGI 36-2503, Administrative Demotion of Airmen, when assigned to the position. Acceptance of demotion must be in writing and included in the assignment application package.
8. Applicant must be able to complete 20 years of active federal service prior to MSD for officers and age 60 for enlisted members.
9. If a selectee does not possess the advertised AFSC, he/she must complete the required training/assignment criteria within 12 months of being assigned to the position. Failure to do so may result in immediate termination. Extension past 12-months will only be considered if the delay is through no fault of the selectee.
10. Must have adjudicated Security Clearance before starting tour.
11. Applicants must not be entitled to receive Federal military retired or retainer pay or Federal civil service annuities and not be eligible for immediate Federal civil service annuities

## APPLICATION PROCEDURES

Hard copy applications will NOT be accepted. All applications must be typed or printed in legible dark ink and must be signed and dated with original signature. Applications received with an unsigned NGB 34-1 will not be forwarded for consideration. Applicants may include copies of training certificates, letter of recommendations, resume or any documentation that may be applicable to the position they are applying for. Per ANGI 36-101, the application package must include at a minimum, the signed NGB 34-1, current Report of Individual Person (RIP), and current Report of Individual Fitness. Items 1-3 are required by the Human Resource Office to determine initial qualifications. Incomplete packages will NOT be considered for the position vacancy. Please submit application in the order listed below.

1. NGB Form 34-1 Application Form for Active Guard/Reserve (AGR) Version dated Nov 2013 (Completed and Signed)
2. CURRENT full Records Review RIP available on vMPF (<http://www.afpc.randolph.af.mil/vs>) (Must be a full RIP)
3. ARCNet Readiness print out. (Which will include Fitness, IMR, Security Clearance, etc.)
4. EPR(s) / OPR(s) (If available)
5. Letter of Recommendation, Cover Letter, Resume and any other attachments are permitted but are not mandatory.

### EMAILING REQUIREMENTS:

Ensure all requirements are consolidated into ONE single PDF (adobe portfolio is not recommended) (consider printing signed documents to PDF prior to combining files) PDF File Name should be: Position Announcement Number, Last name, First name, Grade

Email UNENCRYPTED Application Package to [145.MSG.Full.Time.Job.Applications.Org@us.af.mil](mailto:145.MSG.Full.Time.Job.Applications.Org@us.af.mil) or ENCRYPTED to [brent.harrison.4@us.af.mil](mailto:brent.harrison.4@us.af.mil).

### THE NORTH CAROLINA AIR NATIONAL GUARD IS AN EQUAL OPPORTUNITY EMPLOYER

Eligible applicants will be considered without regard to race, age, religion, marital status, national origin, political affiliation or any other non-merit factor. Due to restrictions in assignment to certain units and AFSC/MOS some positions may have gender restrictions.